

SPECIFICATIONS

700i Booklet System

Max. Number of Bins	60 (Six DSC-10/60i towers)	
Bin Capacity	2.56" / 65mm	
Paper Weight	Fine quality and uncoated: 52.3 – 160 gsm. When paper is less than 64 gsm: 10 sheets or less, standard paper sizes only. Coated: 84-160 gsm Cover: Up to 350 gsm. 300 gsm is recommended when processing 26 sheets or more	
Curl	5mm or less	
Paper Size (W x L)	4.13" x 6.69" to 14.02" x 24.02"	
Saddle Stitch & Fold	<ul style="list-style-type: none"> • Min. paper width when doing 4 stitches: 7.62" • Min. paper size when doing 31 to 50 sheets is 7.87" x 10.63" (DBM-700S Square Spine Option is required for 31 to 50-sheet booklets) • Min. paper size when doing 2 stitches with head & foot trim is 4.81" x 6.69" (DKTS-200 Two Knife Trimmer is required for head & foot trim) • Min. paper size when doing 4 stitches with head & foot trim is 7.70" x 6.69" (DKTS-200 Two Knife Trimmer option is required for head & foot trim) • Min. paper size when doing 4 stitches with head & foot trim plus 8mm Gutter Cutter is 7.88" x 6.69" (DKTS-200 Two Knife Trimmer is required for head & foot trim) • Max. paper size when processing 31 to 50 sheets is 12.60" x 17.72" 	
Side Stitch	8.27" x 6.69" to 14.02" x 14.33"	• No 4 stitch
Side Stitch & Fold	8.27" x 6.69" to 14.02" x 14.33"	• No fore edge trim or 4 stitch
Corner Stitch	7.29" x 6.69" to 14.02" x 14.33"	• No 4 stitch
Number of Sheets	Fold Only, No Stitch 2 to 5 Side/Corner Stitch 5 to 20 (Refer to side stitch and corner stitch paper size) 2 to 50 (A4 LEF, A4SR LEF, LTR LEF Fine Quality Paper 81.4 gsm) 5 to 30 (B5 LEF, A4 LEF, LTR SEF, LTR LEF Fine Quality Paper 81.4 gsm)	
Number of Stitches	2 or 4. Applies 4 stitches using 2 stitch heads. Performs two stitch cycles per booklet and automatically changes the position after each stitch cycle. An optional 4-stitch kit is available for higher productivity. Applies 4 stitches using 4 stitch heads.	

Stitch Wire	25 Gauge when stitching 2 -30 sheets and 24 Gauge when stitching 31 - 50 sheets
Fore Edge Trim	0.04" to 0.98" trim up to 2.95", 12 sheets or less, with the optional 75mm Trim Kit
Trim Thickness	Without square spine: 0.24" or less, 2 to 30 sheets 81.4 gsm With square spine: 0.393" or less, 31 to 50 sheets 81.4 gsm
Finished Booklet Size	<ul style="list-style-type: none"> • No fore edge trim: 4.13" x 3.35" to 14.02" x 12.01" • With fore edge trim: 4.13" x 2.95" to 14.02" x 11.97" The following requires the optional DKTS-200 Two Knife Trimmer: <ul style="list-style-type: none"> • With fore edge trim and head & foot trim: 4.72" x 2.95" to 13.94" x 11.97" • 2-up booklets with 1 stitch per booklet, fore edge trim, head & foot trim and 8mm Gutter Cutter: 3.50" x 2.95" to 6.81" x 9.96" • 2-up booklets with 2 stitches per booklet, fore edge trim, head & foot trim and 8mm Gutter Cutter: 3.65" x 2.95" to 6.81" x 9.96"
Processing Speed	Up to 5,200 (10 sheets or less of minimum paper size)

1. Limitations may apply depending on paper size, weight, quality, number of sheets, and other variables and conditions not mentioned. All specifications are subject to change without notice.

DKTS-200 Two Knife Trimmer (Optional)

Receivable Booklet Size	Width: 4.13" to 14.33"; Length: 2.95" to 12.59". When the booklet width is 4.13" - 4.72", booklets can only pass through the DKTS-200 without head/foot trim
Trim Amount (Head + Foot)	0.04" to 1.18"
Trim Thickness	0.23" or less (equivalent to 60 sheets of 81.4 gsm uncoated fine quality paper)
Maximum Processing Speed	5,050 sets per hour (A5 finished booklet, 20 sheets or less of 81.4 gsm)
Offset Trim	0.04" - 0.83"

8mm Gutter Cutter Option

Receivable Booklet Size	Width: 7.88" to 14.02"; Length: 2.95" to 10"
2-up Finished Booklet Size	Width: 3.65" to 6.81"; Length: 2.95" to 10"
Trim Thickness	0.15" or less (equivalent to 24 sheets of 81.4 gsm uncoated fine quality paper)

DBM-400STR High Pile Stacker (Optional)

Paper Size (WxL)	8.27" x 5.47" to 13.77" x 19.68"
Maximum Stacking Capacity	16.93"
Stacking Modes	Straight and offset, on-the-fly rejection of errored sets
Processing Speed	Straight stacking: 5,400 sets per hour – up to 10,000 sets per hour Offset stacking: up to 3,600 sets per hour

DBM-700/DBM-700T Bookletmaker & Fore Edge Trimmer

Control Panel	PC Controller software
Detections	Double and misfeed, paper jam
Other	Air Management System (AMS), interleaf mode 1 and 2, alternate cover mode, block modes (1/2 & ¼), left/right ejection direction, hand-marry (LUL-HM), reject function (LUL-HM), IMBF
Options	Fully automatic functions: stitch head position, back jogger, side guide/joggers, stitch stop position, fold stop position, fold roller gap, trim stop position DBM-700S Square Spine, 4-stitch head kit for DBM-700, 75mm (2.95") trim kit for DBM-700T Trimmer, 50-sheet booklet trim kit for DBM-700T Trimmer, air kit for DBM-700, no stitch detection sensor kit for DBM-700. Additional no stitch detection sensor kit when adding 4-stitch kit to DBM-700. Short stacker conveyor.

Features	DSC-10/60i Collator
Control Panel	PC Controller software
Detections	Double and misfeed, paper jam
Other	Air Management System (AMS), interleaf mode 1 and 2, alternate cover mode, block modes (1/2 & ¼), left/right ejection direction, hand-marry (LUL-HM), reject function (LUL-HM), IMBF
Options	LCD color touchscreen, two to six DSC-10/60 towers (requires DSC-10/60D Bridge), DBM-400STR Right Exit Deep Pile Stacker (requires LUR Lift Unit Right), Ultrasonic Sensor Kit for DSC-10/60 (one kit supports two bins, up to 5 kits per tower), DSC-10/60ENVLP Envelope Kit, DCR-ST Cross Stacker, DCR-BP Bypass Bridge

	Power Requirements	Dimensions	Net Weight
DSC-10/60i Collator	120V 60Hz 7.9-8.4A 910-960W	34" x 33" x 78" (864 mm x 838 mm x 1981 mm)	674 lb/306 kg
DBM-700 Bookletmaker	120V 60Hz 6A 565W	77.8" x 38.8" x 59.3" (1976 mm x 986 mm x 1507 mm)	806.9 lb/366 kg
DBM-700S Square Spine	Supplied by the DBM-700	10.2" x 36.8" x 44.9" (259 mm x 934 mm x 1140 mm)	260 lb/118 kg
DBM-700T Trimmer	120V 60Hz 7.0A 620W	28.3" x 68.7" x 67.4" (719 mm x 1746 mm x 1712 mm)	531.3 lb/241 kg
DKTS-200 Two Knife Trimmer	200-240V 50/60Hz 3.3A 450W	93.9" x 53.9" x 63.7" (2385 mm x 1369 mm x 1618 mm)	1,309.6 lb/594 kg
DBM-400STR Deep Pile Stacker	120V 60Hz 2.2A	29.5" x 36" x 35" (746 mm x 914 mm x 889 mm)	375 lb/170 kg

Production rates are based on optimal operating conditions and may vary depending on stock and environmental conditions. As part of our continuous product improvement program, specifications are subject to change without notice.






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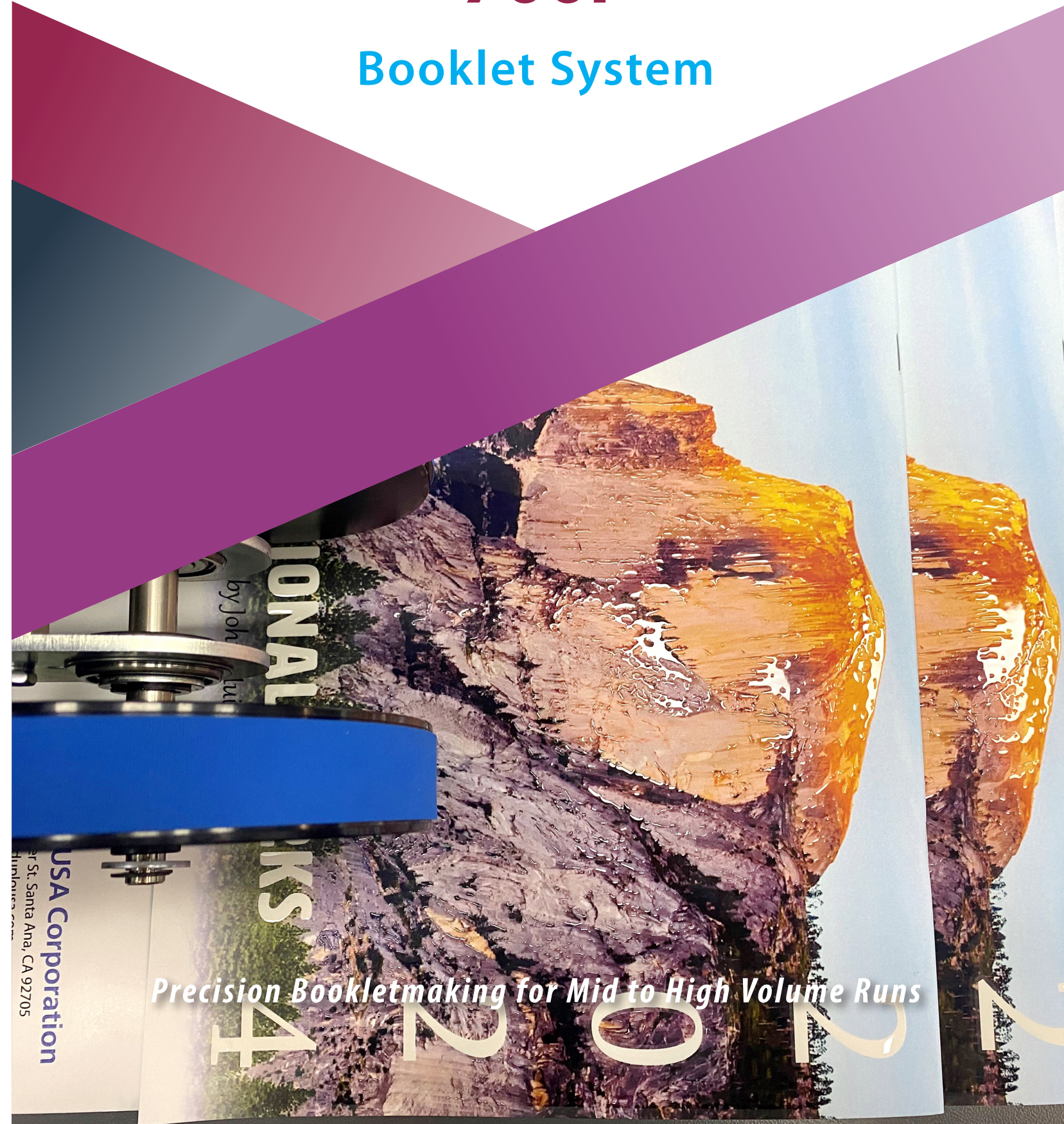
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700i Booklet System



Precision Bookletmaking for Mid to High Volume Runs

USA Corporation
St. Santa Ana, CA 92705

700i Booklet System

The high speed 700i Booklet System integrates the heavy-duty DSC-10/60i Suction Collator with the DBM-700 Bookletmaker. It offers three-knife trimming and square spine options with the capability to produce 50-sheet booklets.

Ideal for longer runs, the 700i delivers a wider range of applications such as letter landscape catalogs and promotional calendars with automated precision on demand up to 5,200 booklets per hour.

AUTOMATED SETTINGS AND CHANGEOVERS

Improve overall efficiency with fully automated settings that are managed entirely from a PC station. Utilizing the PC Controller software on the DBM-700 Bookletmaker, you can set up jobs in under 60 seconds. Simply select or enter a custom paper size and the bookletmaker will automatically set the stitch, fold, and trim setting. Any fine-tune adjustments can be made with ease.

Use the computer's memory to save an unlimited number of jobs and retrieve them as needed. Changeovers from one size to another are performed within seconds and without any intervention or tooling required.

The 700i also comes included with a 1-year subscription of Duplo+ Insight, a cloud-based system that captures real-time data from the bookletmaker. The dashboard provides a quick overview of the status and performance while analytical graphs and reports provide insight for better decision making.

INTELLIGENT FEEDING

Perform custom feeding for unique job requirements and maximize the power of your collator using the Intelligent Multi-Bin Feed (IMBF) function on the PC Controller. Merge black and white documents with color media, combine uncollated offset with collated digital output, and create one-to-one booklets by inserting variable data material. Take control of the feeding sequence by selecting bins to feed from and the quantity of sheets.

The DSC-10/60i incorporates Duplo's air suction belt feeder and air management system. Each of its 10 bins comes built-in with fine adjustments and patented dual fan technology that generates a steady flow of air for separation and feeding.

High resolution sensors are located in each bin to detect any misfeeds and double feeds as well as allow the feeding of different paper types and weights.

HIGH PERFORMANCE BOOKLETMAKING

Maximizing efficiency in bookletmaking saves your business both time and money. The DBM-700/T integrates the stitcher, folder, and face trimmer into one automated system – eliminating the task of setting and folding signatures separately.

As each set is collated and jogged into alignment, the system guides it through the stitching and folding sections. Equipped with 2 Hohner stitch heads, the DBM-700 can apply 2 or 4 stitches. The automated stitch function enables the stitch heads to cycle twice per booklet and automatically change the position of the stitch heads after each cycle. Easily switch from 2-stitch booklets to 4-stitch jobs without any retooling.

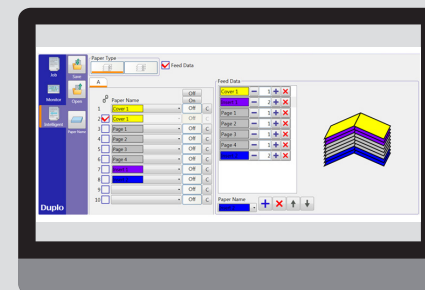
A 4-stitch kit option is available when productivity is priority. The bookletmaker automatically positions the stitch and adjusts the fold roller gap according to the thickness of the booklet. Booklets are trimmed at the fore-edge for a clean finish.



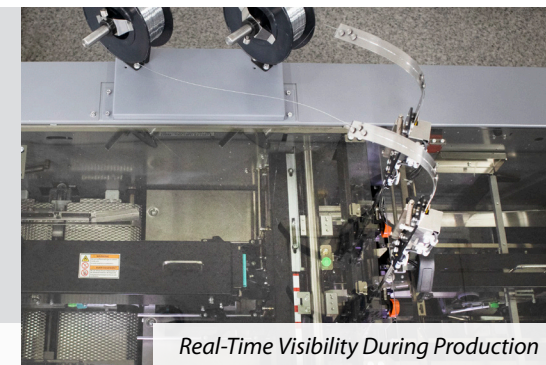
Air Suction Collator



700i Booklet System with Square Spine Option



Intelligent Multi-Bin Feeding



Real-Time Visibility During Production



2-Up Finishing

APPLICATIONS



Calendars



Letter Landscape



Booklets with Raised UV Covers



Small Booklets

THREE-KNIFE TRIMMING

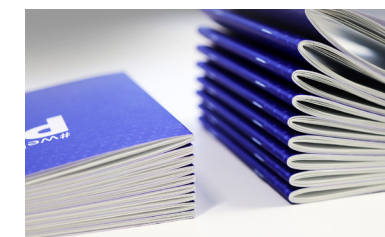
Add three-knife trimming and 2-up finishing capabilities to your system with the DKTS-200 Two Knife Trimmer. The gutter cutter along with the 4-stitch capability double the productivity of small format jobs up to 9,000 booklets per hour.



DKTS-200 + DBM-700T + DBM-700S + DBM-700 + DSC-10/60i

SQUARE SPINE OPTION

The DBM-700S adds a square spine finish to deliver thicker, flatter books. Square spine booklets lay flat and make packing more efficient, saving you money. Enhance the appearance and produce value-added booklets up to 50 sheets/200-page booklets with a perfect bound look in-line with the DBM-700S Square Spine, the fastest in the market.



FEATURES

- Flat sheet collating and bookletmaking solution for high volume production
- Performs saddle and side/corner stitching
- Produces saddle-stitched booklets up to 30 sheets with or without square spine and up to 50 sheets with square spine
- Creates 4-stitch booklets using 2 stitch heads
- Duplo+ Insight with 1-year subscription included